

Notice of Allowability

Application No.

09/650,029

Examiner

Tam (Jenny) Phan

Applicant(s)

KAWANO ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/19/2005.
2. ☒ The allowed claim(s) is/are 2-4, 6-13, 15-16, and 18-19.
3. ☒ The drawings filed on 28 August 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 05/19/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

MARC D. THOMPSON
MARC THOMPSON
PRIMARY EXAMINER

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DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 05/19/2005 has been entered.

2. Claims 2-4, 6-13, 15-16, and 18-19 are examined.

Information Disclosure Statement

3. An initialed and dated copy of Applicant's IDS form 1449, Received on 05/19/2005 is attached to the instant Office action. Non-translated Foreign Patent Document disclosed in Applicant's IDS was considered based on the available English abstract and the full document English translation as translated by the USPTO Translations Branch.

Reasons For Allowance

4. Claims 2-4, 6-13, 15-16, and 18-19 are allowed.

5. The claimed invention involves a reception display apparatus for receiving data blocks which are repeatedly transmitted from a broadcasting station at regular intervals and displaying a screen image based on the received data blocks, each of the data blocks including a data section, and data to be displayed as the screen image being divided into a plurality of data sections, the display apparatus comprising: a reception means for receiving the data blocks; a data judgment means for judging whether the data section in each received data block is normal; a storage means for storing every

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data section judged as normal by the data judgment means without storing data sections judged as abnormal; a condition judgment means for judging, before all data sections to be displayed as the screen image are stored in the storage means, whether a condition for displaying the screen image is satisfied; and a display means for displaying, when the condition judgment means judges that the condition is satisfied, a part of the screen image using data sections currently stored in the storage means; wherein the data judgment means generates, when having judged that a data section is not normal, information indicating that the data section is abnormal, and stores the information into the storage means, and the display means displays either a blank or a notice indicating abnormality of the data section, at a position in the screen image where the data section indicated as abnormal by the information stored in the storage means should be displayed.

6. The following is an examiner's statement of reasons for allowance: the determination of display means displays either a blank or a notice indicating abnormality of the data section, at a position in the screen image where the data section indicated as abnormal by the information stored in the storage means should be displayed was not taught or suggested by the prior art of record *in combination with the other limitations of the independent claims*.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tam (Jenny) Phan whose telephone number is (571) 272-3930. The examiner can normally be reached on M-F 9:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MARC D. THOMPSON
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PRIMARY EXAMINER

David Wiley
SPE
Art Unit 2143
(571) 272-3923

tp
June 16, 2005